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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: May 20, 2005 Name: Dustin H. Bettendorf Signature:

**BRINKS  
HOFFER  
GILSON  
& LIONE**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Peder J. Jungck et al.

Appln. No.: 09/858,323

Filed: May 15, 2001

For: EDGE ADAPTER ARCHITECTURE  
APPARATUS AND METHOD

Attorney Docket No: 10736/7

Examiner: Azizul Q. Choudhury

Art Unit: 2143

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir:

**Attached is/are:**

- ☒ Transmittal Letter (1 page, in duplicate); Fifth Supplemental Information Disclosure Statement (2 pages); Form PTO-1449 (1 page); Copies of Three (3) Cited References
- ☒ Return Receipt Postcard

**Fee calculation:**

- ☒ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$ \_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$ \_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

|                                           |                                     |       |                                    |                  | Small Entity |           |    | Not a Small Entity |           |
|-------------------------------------------|-------------------------------------|-------|------------------------------------|------------------|--------------|-----------|----|--------------------|-----------|
|                                           | Claims Remaining<br>After Amendment |       | Highest No.<br>Previously Paid For | Present<br>Extra | Rate         | Add'l Fee | or | Rate               | Add'l Fee |
| Total                                     |                                     | Minus |                                    |                  | x \$25=      |           |    | x \$50=            |           |
| Indep.                                    |                                     | Minus |                                    |                  | x 100=       |           |    | x \$200=           |           |
| First Presentation of Multiple Dep. Claim |                                     |       |                                    |                  | +\$180=      |           |    | +\$360=            |           |
|                                           |                                     |       |                                    |                  | Total        | \$        |    | Total              | \$        |

**Fee payment:**

- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$ \_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$ \_\_\_\_\_ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

Dustin H. Bettendorf (Reg. No. 56,507)

May 20, 2005

Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AND METHOD

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**FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(c), Applicants hereby cite the following reference(s):

**U.S. PATENT DOCUMENTS**

| No.          | Date of Publication | Patentee/Applicant/Assignee |
|--------------|---------------------|-----------------------------|
| 5,179,556 A  | 01/012/1993         | Turner                      |
| 6,006,264 A  | 12/21/1999          | Colby et al.                |
| 6,016,512 A  | 01/18/2000          | Huitema                     |
| 6,070,191 A  | 05/30/2000          | Narendran et al.            |
| 6,105,027 A  | 08/15/2000          | Schneider et al.            |
| 6,178,505 B1 | 01/23/2001          | Schneider et al.            |
| 6,226,642    | 05/01/2001          | Beranek et al.              |
| 6,256,671 B1 | 07/03/2001          | Strentzsch et al.           |
| 6,285,679 B1 | 09/04/2001          | Dally et al.                |
| 6,324,582 B1 | 11/27/2001          | Sridhar et al.              |
| 6,324,585    | 11/27/2001          | Zhang et al.                |
| 6,393,026 B1 | 05/21/2002          | Irwin                       |
| 6,408,336 B1 | 06/18/2002          | Schneider et al.            |
| 6,425,003    | 07/23/2002          | Herzog et al.               |
| 6,480,508 B1 | 11/12/2002          | Mwikalo et al.              |
| 6,546,423 B1 | 04/08/2003          | Dutta et al.                |
| 6,574,666 B1 | 06/03/2003          | Dutta et al.                |
| 6,785,728 B1 | 08/31/2004          | Schneider et al.            |
| 6,826,694 B1 | 11/30/2004          | Dutta et al.                |
| 6,847,989 B1 | 01/25/2005          | Chastain et al.             |
| 6,850,529 B1 | 02/01/2005          | Wong                        |
| 6,854,063 B1 | 02/08/2005          | Qu et al.                   |

**OTHER ART – NON PATENT LITERATURE DOCUMENTS**

| <b>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume</b>                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Steven D. Gribbler. "System Design Issues for Internet Middleware Services: Deductions from a Large Client Trace." 1997. <a href="http://cs.berkeley.edu/~gribble/papers/msc_thesis.ps.gz">http.cs.berkeley.edu/~gribble/papers/msc_thesis.ps.gz</a> .        |
| Gene H. Kim, Hilarie Orman, Sean O'Malley. "Implementing a Secure rlogin Environment: A Case Study of Using a Secure Network Layer Protocol." 1995. <a href="ftp://cs.arizona.edu/xkernel/Papers/rlogin.ps">ftp.cs.arizona.edu/xkernel/Papers/rlogin.ps</a> . |
| Claude Castelluccia. "A Hierarchical Mobility Management Scheme for IPv6." <a href="http://ballesta.inrialpes.fr/Infos/Personnes/Claude.Castelluccia/iscc98.ps.gz">ballesta.inrialpes.fr/Infos/Personnes/Claude.Castelluccia/iscc98.ps.gz</a> .               |

Applicants are enclosing Form PTO-1449 (one sheet), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). As each of the listed references is in English, no further commentary is believed to be necessary, 37 C.F.R. §1.98(a)(3). Applicants respectfully request the Examiner's consideration of the above reference(s) and entry thereof into the record of this application.


By submitting this Statement, Applicants are attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicants hereby certify pursuant to 37 C.F.R. §1.97(e)(2) that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 C.F.R. §1.56(c), more than three months prior to the filing of this Statement. Accordingly, Applicants have calculated no fee to be due in connection with the filing of this Statement. However, the Director is authorized to charge any fee deficiency associated with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.

May 20, 2005

Date

Respectfully submitted,


  
Dustin H. Bettendorf (Reg. No. 56,507)

|                                                                                         |                             |                                      |
|-----------------------------------------------------------------------------------------|-----------------------------|--------------------------------------|
| FORM PTO-1449                                                                           | SERIAL NO.<br>09/858,323    | CASE NO.<br>10736/7                  |
| LIST OF PATENTS AND PUBLICATIONS FOR<br>APPLICANT'S INFORMATION DISCLOSURE<br>STATEMENT | FILING DATE<br>May 15, 2001 | GROUP ART UNIT<br>2143               |
| (use several sheets if necessary)                                                       |                             | APPLICANT(S): Peder J. Jungck et al. |

# REFERENCE DESIGNATION

# U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER<br><small>Number-Kind Code (if known)</small> | DATE        | NAME              | CLASS/<br>SUBCLASS | FILING<br>DATE |
|---------------------|-----|------------------------------------------------------------------|-------------|-------------------|--------------------|----------------|
|                     | F1  | 5,179,556 A                                                      | 01/012/1993 | Turner            |                    |                |
|                     | F2  | 6,006,264 A                                                      | 12/21/1999  | Colby et al.      |                    |                |
|                     | F3  | 6,016,512 A                                                      | 01/18/2000  | Huitema           |                    |                |
|                     | F4  | 6,070,191 A                                                      | 05/30/2000  | Narendran et al.  |                    |                |
|                     | F5  | 6,105,027 A                                                      | 08/15/2000  | Schneider et al.  |                    |                |
|                     | F6  | 6,178,505 B1                                                     | 01/23/2001  | Schneider et al.  |                    |                |
|                     | F7  | 6,226,642                                                        | 05/01/2001  | Beranek et al.    |                    |                |
|                     | F8  | 6,256,671 B1                                                     | 07/03/2001  | Strentzsch et al. |                    |                |
|                     | F9  | 6,285,679 B1                                                     | 09/04/2001  | Dally et al.      |                    |                |
|                     | F10 | 6,324,582 B1                                                     | 11/27/2001  | Sridhar et al.    |                    |                |
|                     | F11 | 6,324,585                                                        | 11/27/2001  | Zhang et al.      |                    |                |
|                     | F12 | 6,393,026 B1                                                     | 05/21/2002  | Irwin             |                    |                |
|                     | F13 | 6,408,336 B1                                                     | 06/18/2002  | Schneider et al.  |                    |                |
|                     | F14 | 6,425,003                                                        | 07/23/2002  | Herzog et al.     |                    |                |
|                     | F15 | 6,480,508 B1                                                     | 11/12/2002  | Mwikalo et al.    |                    |                |
|                     | F16 | 6,546,423 B1                                                     | 04/08/2003  | Dutta et al.      |                    |                |
|                     | F17 | 6,574,666 B1                                                     | 06/03/2003  | Dutta et al.      |                    |                |
|                     | F18 | 6,785,728 B1                                                     | 08/31/2004  | Schneider et al.  |                    |                |
|                     | F19 | 6,826,694 B1                                                     | 11/30/2004  | Dutta et al.      |                    |                |
|                     | F20 | 6,847,989 B1                                                     | 01/25/2005  | Chastain et al.   |                    |                |
|                     | F21 | 6,850,529 B1                                                     | 02/01/2005  | Wong              |                    |                |
|                     | F22 | 6,854,063 B1                                                     | 02/08/2005  | Qu et al.         |                    |                |

# FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT<br>NUMBER<br><small>Number-Kind Code (if known)</small> | DATE | COUNTRY | CLASS/<br>SUBCLASS | TRANSLATION<br>YES OR NO |
|---------------------|--|------------------------------------------------------------------|------|---------|--------------------|--------------------------|
|---------------------|--|------------------------------------------------------------------|------|---------|--------------------|--------------------------|

| EXAMINER<br>INITIAL | OTHER ART – NON PATENT LITERATURE DOCUMENTS<br><small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small> |                                                                                                                                                                                                                                                                 |  |  |  |  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|                     | F23                                                                                                                                                                                                                                                                                                  | Steven D. Gribbler. "System Design Issues for Internet Middleware Services: Deductions from a Large Client Trace." 1997. <a href="http://cs.berkeley.edu/~gribble/papers/msc_thesis.ps.gz">http://cs.berkeley.edu/~gribble/papers/msc_thesis.ps.gz</a> .        |  |  |  |  |
|                     | F24                                                                                                                                                                                                                                                                                                  | Gene H. Kim, Hilarie Orman, Sean O'Malley. "Implementing a Secure rlogin Environment: A Case Study of Using a Secure Network Layer Protocol." 1995. <a href="ftp://cs.arizona.edu/xkernel/Papers/rlogin.ps">ftp://cs.arizona.edu/xkernel/Papers/rlogin.ps</a> . |  |  |  |  |
|                     | F25                                                                                                                                                                                                                                                                                                  | Claude Castelluccia. "A Hierarchical Mobility Management Scheme for IPv6." <a href="http://ballesta.inrialpes.fr/Infos/Personnes/Claude.Castelluccia/iscc98.ps.gz">ballesta.inrialpes.fr/Infos/Personnes/Claude.Castelluccia/iscc98.ps.gz</a> .                 |  |  |  |  |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.